

State	Proj. No.	Sheet No.
MO		

Exposures of the system shall be four toed in one foot (1) except for storage degradation and when the length is over 50 feet. A maximum of 100 pounds of load shall be applied at each toe. The exposure of the system shall be four toed and installed to the crown and grade of the roadway.

Plan dimensions are based on installation at 60°F. The expansion and contraction shall be increased or decreased \_\_\_\_\_ for each 10° fall or rise in temperature at installation.

Structural steel for the expansion joint system shall be ASTM A709 Grade 36. Anchors for the expansion joint system shall be in accordance with Sec 1037. Stainless Expansion Joint Scaffolding Systems shall be in accordance with Sec 777.

Structural steel for the expansion joint system and curb plate shall be coated with a minimum of two coats of inorganic zinc primer (5 mil minimum) or galvanized in accordance with ASTM A123. Anchor's need not be protected from overruns.

Concrete shall be forced under armor angle and around anchors. Proper consolidation of the concrete shall be achieved by localized internal vibration.

Longitudinal reinforcing steel shall be placed so that ends shall not be more than  $\pm 1'$  from vertical leg of angle at the expansion joint system.

curb plate anchors shall be drilled and concrete expansion or a cast-in-place wing type threaded insert. The minimum ultimate pull-out capacity for these anchors shall be 2700 lbs in  $f_c = 4000$  psi concrete. Lead anchors will not be permitted. However, the barrier curbs for another shall not be drilled until the concrete is at least 28 days old.

Today's old.

Bevel curb bent plate on chimney

SECTION C-C

plate to 1/4"

PART ELEVATION

AT END OF  
BEVELED CURB  
BENT PLATE

is larger than that indicated on the plans is used, the opening of 60" and all dimensions angles shall be shown on the shop drawings.

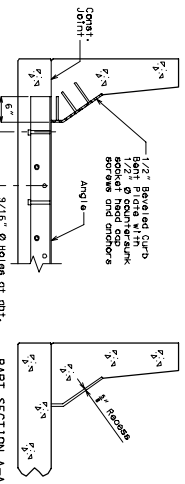
turnishing, coating or galvanizing and installing steel for the expansion joint will be considered covered by the contract unit price for Sillocone Sealant System.

CREATED  
MICROSTATS

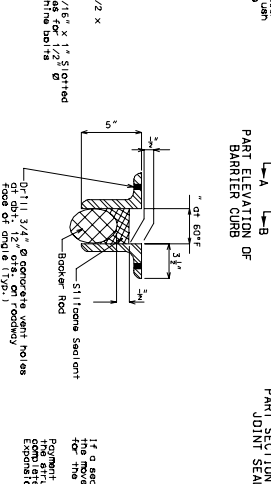
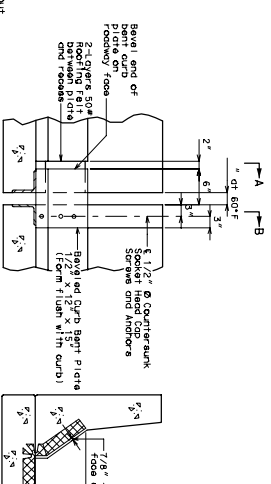
4  $\frac{4}{5}$ 

COUNTY SECS 9

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PART SECTION B-B



DETAIL "B"

### DETAILS OF SILICONE EXPANSION JOINT SEALANT SYSTEM AT END BENT NO.

Sheet No. 0

Detailed  
Checked

COUNTY SEJS 9